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JUN 01 2004

AMENDMENT TRANSMITTAL LETTER

Docket No.
04303/100N134-US1Application No.
09/772,581Filing Date
January 29, 2001Examiner
D. H. MalzahnArt Unit
2124

Applicant(s): Joel D. Medlock

Invention: APPARATUS AND METHOD FOR MODIFYING AN M-SEQUENCE WITH ARBITRARY PHASE SHIFT

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Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

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CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	2	- 22 =		x	0.00
Independent Claims	2	- 5 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

 Large Entity Small Entity No additional fee is required for this amendment. Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed. A check in the amount of \$ _____ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge and credit Deposit Account No. 04-0100
as described below. A duplicate copy of this sheet is enclosed. Credit any overpayment. Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: June 1, 2004

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Express Mail Label No. Dated: _____



Application No. (if known): 09/772,581

Attorney Docket No.: 04303/100N134-US1

Certificate of Express Mailing Under 37 CFR 1.10

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MS Amendment
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J. Stantini

Signature

J. Stantini

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Amendment Transmittal (1 page);
Amendment After Final Action (37 C.F.R. Section 1.116) (4 pages); and
Return Receipt Postcard.



Dated: _____

Docket No.: 04303/100N134-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Joel D. Medlock

Application No.: 09/772,581

Art Unit: 2124

Filed: January 29, 2001

Examiner: D. H. Malzahn

For: APPARATUS AND METHOD FOR
MODIFYING AN M-SEQUENCE WITH
ARBITRARY PHASE SHIFT

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AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 8, 2004 (Paper No. 8), finally rejecting claims 1-3, 5-8, 10, 15-20, and 22, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.